## WHAT IS CLAIMED IS:

1. A bearing member comprising:

a cylindrical member for rotatably supporting a shaft member, wherein the cylindrical member is composed of a copper metal; and

a film composed of cupric benzotriazole formed on a surface of the cylindrical member.

- 2. A bearing member according to claim 1, wherein the film composed of cupric benzotriazole is formed on all surfaces of the cylindrical member.
- 3. A bearing member according to claim 1, wherein the film composed of cupric benzotriazole is an anti-rust film that substantially prevents water and oxygen from entering the copper metal that forms the cylindrical member.
- 4. A bearing member according to claim 1, wherein the anti-rust film has a thickness of about  $10^{-10}$ mm.
- 5. A bearing member according to claim 1, wherein the film composed of cupric benzotriazole is formed by reacting copper in the copper metal with benzotriazole.
  - 6. A dynamic pressure bearing device comprising:

a bearing member including a shaft member, a cylindrical member that rotatably supports the shaft member, wherein the cylindrical member is made from a copper metal; and a film composed of cupric benzotriazole formed on a surface of the cylindrical body; wherein the cylindrical member includes a dynamic pressure bearing sleeve that relatively rotatably supports the shaft member through dynamic pressure of a lubricating fluid.

- 7. A dynamic pressure bearing device according to claim 6, wherein the lubricating fluid includes benzotriazole, and the lubricating fluid is filled in a bearing gap space formed between the cylindrical member and the shaft member.
- 8. A dynamic pressure bearing device according to claim 7, wherein the lubricating fluid includes benzotriazole at a ratio of between 0.01 wt. % and 10 wt. %.
- 9. A dynamic pressure bearing device according to claim 7, further comprising a capillary sealing section provided at an opening area of the bearing gap space for holding the lubricating fluid within the bearing gap space by surface tension.
- 10. A dynamic pressure bearing device according to claim 9, wherein a new film composed of cupric benzotriazole is automatically formed at the capillary sealing section when the film composed of cupric benzotriazole is eliminated at the capillary sealing section.
- 11. A dynamic pressure bearing device according to claim 9, wherein the lubricating fluid including cupric benzotriazole forms a new film composed of cupric benzotriazole at the capillary sealing section when the film composed of cupric benzotriazole is eliminated at the capillary sealing section.

12. A method for manufacturing a bearing member including a cylindrical body for rotatably supporting a shaft member, the method comprising the steps of:

forming the cylindrical body with a copper metal;
reacting the cylindrical body with a solution including benzotriazole;
and

forming a film comprising cupric benzotriazole on a surface of the cylindrical body.

- 13. A manufacturing method according to claim 12, wherein the film comprising cupric benzotriazole is formed on all surfaces of the cylindrical body.
- 14. A manufacturing method according to claim 12, wherein a washing solution including benzotriazole is used to wash the cylindrical body, when washing the cylindrical body, in order to form the film comprising cupric benzotriazole.
- 15. A manufacturing method according to claim 12, wherein a machining solution including benzotriazole is used to machine the cylindrical body, when machining the cylindrical body, in order to form the film comprising cupric benzotriazole.
- 16. A manufacturing method according to claim 14, wherein the washing solution including benzotriazole is a water-soluble washing solution used in a degreasing washing process following a finishing process for the cylindrical body.

- 17. A manufacturing method according to claim 16, wherein the water-soluble washing solution is a mixture of cleaning agent and pure water, and the cleaning agent includes a surface-active agent as a primary component thereof and benzotriazole added thereto.
- 18. A manufacturing method according to claim 15, wherein the machining solution including benzotriazole is a water-soluble cutting solution that is usable in the cutting of the cylindrical body.
- 19. A manufacturing method according to claim 14, wherein the ratio of benzotriazole added to the washing solution is between 0.01 wt. % and 10 wt. %.
- 20. A manufacturing method according to claim 15, wherein the ratio of benzotriazole added to the machining solution is between 0.01 wt. % and 10 wt. %.